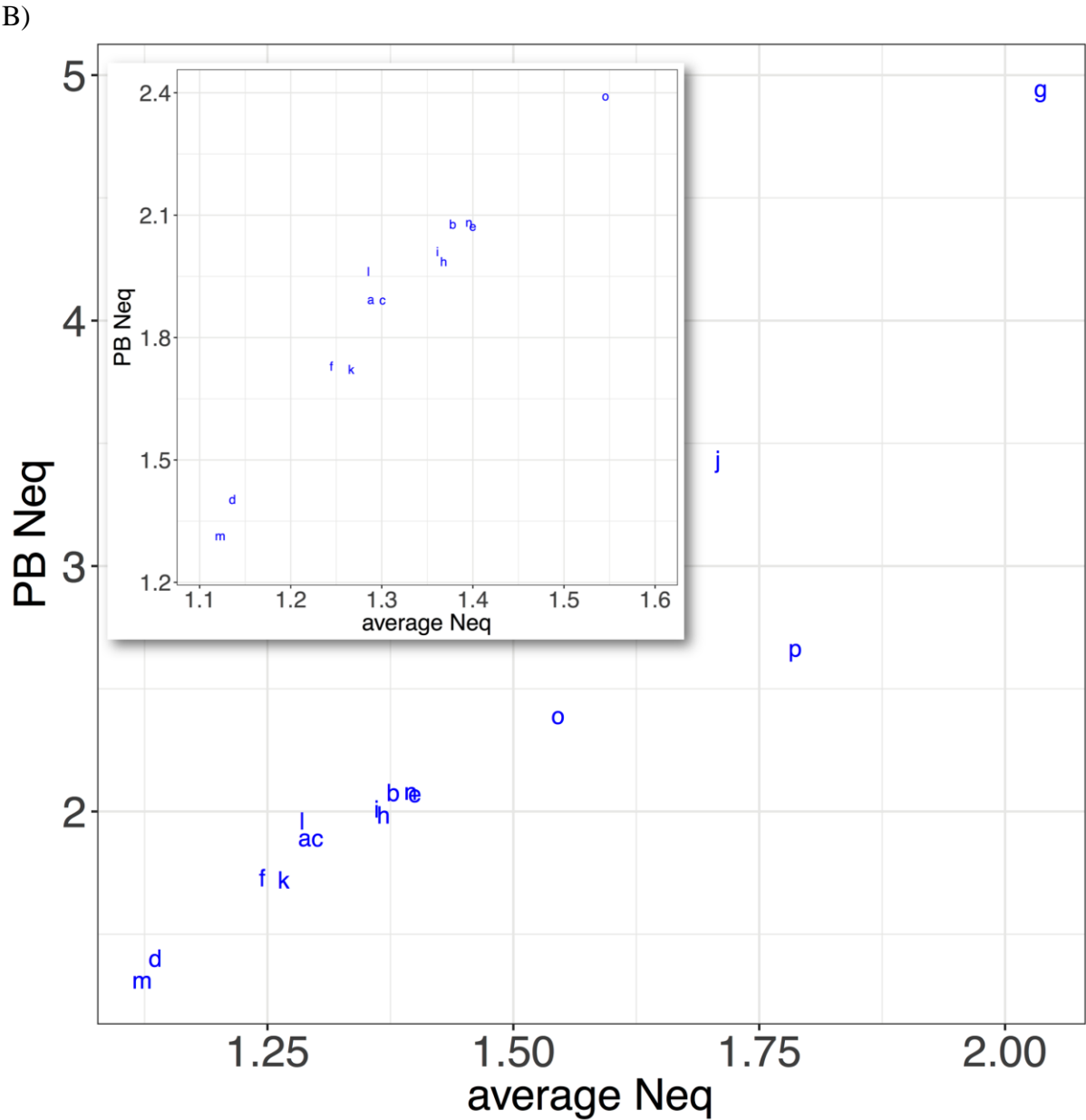


A)

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>	<i>l</i>	<i>m</i>	<i>n</i>	<i>o</i>	<i>p</i>
PB N_{eq}	1.89	2.08	1.89	1.40	2.07	1.73	4.95	1.99	2.01	3.44	1.72	1.96	1.31	2.08	2.39	2.67
av. N_{eq}	1.29	1.38	1.30	1.14	1.40	1.24	2.04	1.37	1.36	1.71	1.27	1.29	1.12	1.40	1.55	1.79



Sup data 7. *Analysis of Protein Blocks' Neq.* PB N_{eq} is the N_{eq} directly computed from the PB frequencies observed (see Figure 4) while average N_{eq} is the mean values of observed N_{eq} at each residue (position) associated to a given PB. The information is so different as the first one is the sum of the behaviours of every PB during dynamics (16 values) while the second is the mean values of thousands of different positions observed individually. Are provided A) the values and B) illustrative plot with a zoom on the smallest values. The Pearson coefficient is of 0.94.